

FOR BRIGHTER, CHEERIER AND MORE LIVABLE HOMES



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GLASS

Designed for Happiness

GEORGE EDW. DAY - SONS
305-307 EAST WYOMING ST.

BY LIBBEY • OWENS • FORD



To American Home Makers

THIS BOOK has been prepared to indicate a few of the many applications of Glass in both new homes and old. We hope that you will enjoy it . . . and that it will enable you to obtain some of the charmingly practical ideas you've always wanted.

Your own lumber or glass dealer can furnish Libbey-Owens-Ford Glass that will

make your home brighter, cheerier and more comfortable. More than that, you will be amazed at the entirely moderate cost of these utilitarian improvements, which may now be bought from your dealer on convenient budget terms. Your architect, contractor or builder will gladly offer further counsel in selecting what you need.

LIBBEY · OWENS · FORD

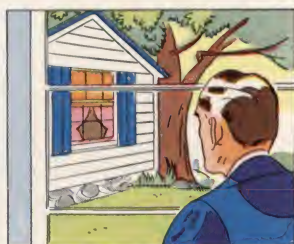


A few words about GLASS

MORE than ever before, the need for *good* glass is particularly important in the home life of every American. Its liberal use creates a relaxed, restful atmosphere where the family can enjoy life, away from the vigorous rush of work and business. With such a relaxing air of gracious living at home, Americans everywhere are better able to work at full capacity in their everyday occupations.

Through years of research, exclusive processes and expert craftsmanship, Libbey-Owens-Ford has developed the art of fine glass to a new peak of perfection. When you buy glass bearing the familiar L·O·F Shield, you are assured of glass of the finest quality. To buy less for your home defeats the very purpose for which glass is intended. Take the matter of windows.

Windows are made to see through . . . to create an attractive, comfortable home atmosphere . . . and to let



in natural outdoor light that brightens the interior and refreshes the occupants. The use of inferior window glass interferes with good vision, reduces the benefits of windows and distorts the view, giving a "wavy" look to the passers-by. If Window Conditioning (or double storm windows) is used, such defects are doubled.

Since windows provide a flood of outside light within, the trend has been to increase the expanse of light-creating glass. This makes daylight last longer, reduces electric light bills, and releases more power to the country's national defense program. Our sketches, above right, show approximately the same window area, but notice the more inviting, modern Picture Window which adds so much to comfort and restfulness.

Inside the home the use of good glass is equally important. Today a blank wall becomes a cheerful

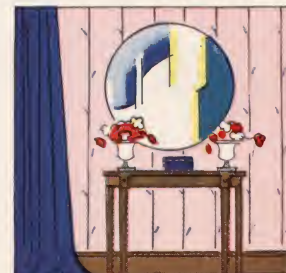
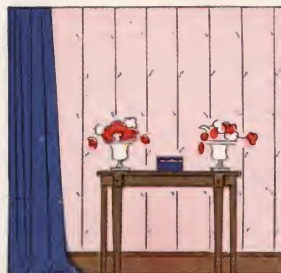


picture with a good polished plate glass mirror reflecting an attractive feature of home life. As indicated in the sketches at the bottom of this page, it is easy to demonstrate the greater livability of the home equipped with fine built-in or occasional mirrors.

The addition of quality glass features is a sound investment. Their use adds to the value of your home—increases its intrinsic worth. Whether it be windows, Window Conditioning, mirrors, glass shelves or glass walls for bathrooms or kitchens, these features mean much to every member of the family in extra comfort and convenience. They also increase the salability of the home and make it easier to rent.

No homeowner should overlook the extra advantages of Window Conditioning. Accurate records show fuel savings as high as 30 percent—an item of increasing importance because of a possible fuel shortage. Window Conditioning adds materially to the value of the home . . . reduces the chances of colds due to drafts, and improves living conditions.

Your architect and your builder know the value of glass and its contributions to better living. Ask them to incorporate the comfort and plus value of good glass in your home. Your local lumber or glass dealer will help you select your L·O·F Glass Designed for Happiness items and arrange suitable payments.



PICTURE WINDOWS



R. Franklin Outcalt, Architect

Picture Windows, with their broad expanse of glass, open up a room . . . actually bring your favorite view right in front of your easy chair. This new design technique, represented in a wide variety of window applications, actually "frames" a pleasing setting—makes it a part of your home. Picture Windows increase the impression of roominess and freedom . . . add materially to the value of any home, new or old.

. bring outdoor beauty into your home

Modern Picture Windows flood the room with light . . . add cheer and zest every month of the year . . . create an air of restful comfort for the family and its guests, and they're easily cleaned because they have so few wood or steel corners to catch the dirt.

• • •

You can "frame" that beautiful vista seen from your living room . . . capture the tranquility of that valley from the master bedroom or the dewy freshness of the rose garden from your dining room. And the cost of a Picture Window is surprisingly low.

• • •

The Picture Window enables the architect and designer to make the most out of the limitations of any room. It helps to widen or lengthen the room that is narrow or short . . . it creates a sense of roominess not otherwise obtainable.

• • •

As one architect described it—"We like to suggest a Picture Window to preserve an inviting view throughout all the seasons—for this technique affords a restful atmosphere in complete contrast to the bustle and hurry of business life."





THERE IS A

FAVORITE VIEW

Whether it is a verdant valley, a peaceful lawn or an attractive garden, every home has a favorite outlook that may be used to stimulate and freshen the viewpoint of every member of the family. The exciting panorama of Mother Nature in her ever-changing moods becomes a continuous pageant when framed through a delightful Picture Window.

Certainly the natural beauty of the outdoors in every season deserves such Picture Window treatment as is illustrated on these pages. Equally important, every American deserves the peaceful quiet and relaxation that a Picture Window can bring to his home life.



Igor B. Polevitzky, Architect

Above—Living rooms, large or small, are brighter, more appealing when a flood of sunlight is ushered in through a cheerful Picture Window.

Left—Dining in this cheerful room is a thrilling experience the year 'round. Hosts and guests look out on a scene that adds to charming hospitality.



FROM EVERY HOME

Large window areas not only flood the room with light, but make it more inviting. Generous windows "open up" a room . . . bring in the warmth and cheer of bright sunshine . . . create a feeling of comfort and restfulness. Because they usher in the bright, gay colors of the outdoors and add zestful, restful living, American homes now need their cheerful helpfulness more than ever before.



Above—What could be more delightful than this garden flanking a cozy breakfast nook.



Left—The man of the house, faced with the rush and pressure of his important job, likes peace and quiet—and this sunlit masculine den makes him forget the cares of the day.

This seal is your assurance of first quality in mirrors made of Libbey-Owens-Ford Polished Plate Glass.



MIRRORS

THAT



R. Franklin Outcalt, Architect

Mirrors are an indispensable part of the modern home. Architects and decorators alike, far from considering mirrors as a luxury, utilize them to create a sense of added spaciousness and to key some particular vantage point or feature in the room. These functional plate glass mirror applications are even more important in the small home where space is at a premium than in the larger homes. Yet their cost is surprisingly low.

DOUBLE THE BEAUTY AND COLOR OF YOUR HOME

Right—There's glass from floor to ceiling in this mantel ensemble. Royal Blue Vitrolite is used on the fireplace facing, topped with a mirror made of clear L·O·F Polished Plate Glass.



Peter Koenia, Jr., Designer



Above—This over-the-mantel mirror, keyed to this attractive room, adds spaciousness and color. Today, designers use such plate glass mirrors to add to room size and to reflect some particularly beautiful feature of the opposite wall.



Left—Enhancing the cheerfulness of this master bedroom, the large mirror, mounted between twin closets, pushes back the end of the room; adds size and comfort.

MIRRORS



Above—Every woman likes to be well groomed. There's nothing like this dually decorative and useful three-way mirror to give her that "sure" feeling that raises every woman's morale. The wing mirrors are mounted on doors, and are adjustable just like those in smart shops.



Left—Less pretentious, but comparably useful, this on-a-door plate glass mirror brightens up the bedroom, adding light, cheer and utility.

THAT HELP YOU LOOK YOUR BEST

Right — Inexpensive and useful, this kitchen Priming Mirror permits that necessary last-minute touch before answering the bell.



Right—Every family appreciates the reflection of a cheerful, livable home. This combination also lends a "make yourself at home" air for the visitor.



Below—Attractive table settings that add to cheerful dining are easily created with inexpensive, standard mirrors and flower receptacles.



Above—What could be better than a fine mirror to double the beauty of your favorite flowers, as in this interesting arrangement.



GLASS

ADDS BEAUTY AND CLEAN



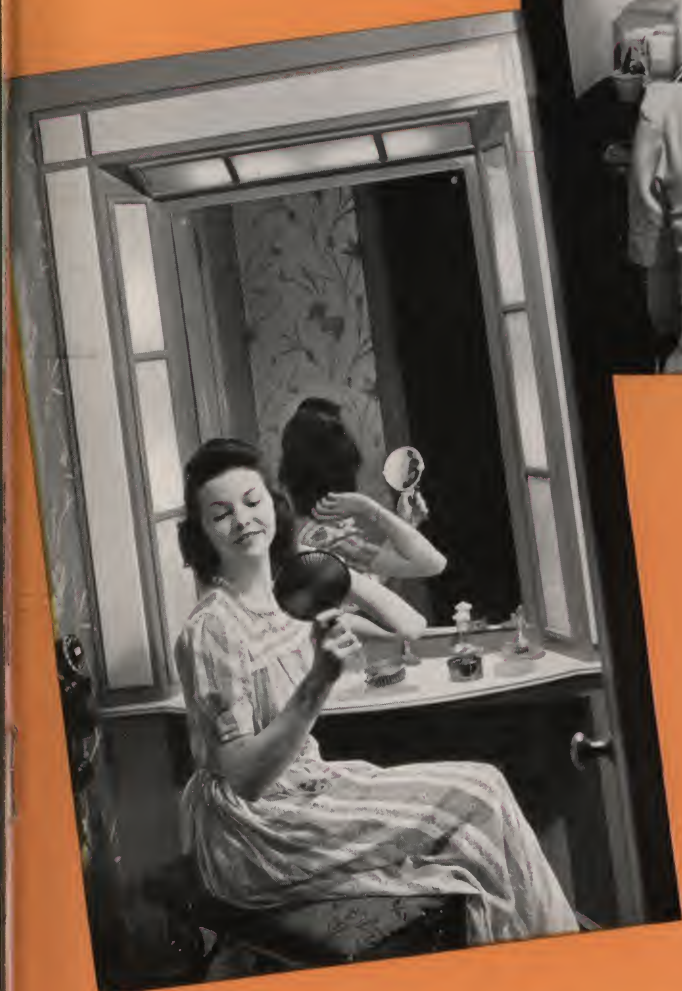
From the standpoints of beauty, easy cleaning and intrinsic value, glass walls for bath and powder rooms are entirely practical and economical. Because they may be quickly wiped clean with a damp cloth, Vitrolite walls are always invitingly fresh, and an array of hues enables the user to obtain many attractive color combinations. Some very unusual and attractive effects may be obtained merely by the use of prefabricated Vitrolite panelling back of the tub and lavatory.

ING EASE TO SPRIGHTLY BATH AND POWDER ROOMS

Right—For that quick dab of powder, the busy housewife appreciates a convenient Powder Room, as do her guests. Inexpensive glass shelving saves in cleaning and adds a freshening note. Suggesting hospitality and thoughtfulness, the Powder Room adds to the value of any home.



Below—This Powder Room is not as costly as you might imagine, for it may be bought on a budget plan. Vitrolite enables the user to have a wide variety of color schemes.



Above—Simplicity, good taste and utility characterize this useful, economical Powder Room with concealed lighting. These conveniences are genuinely appreciated by all guests and every member of the family.



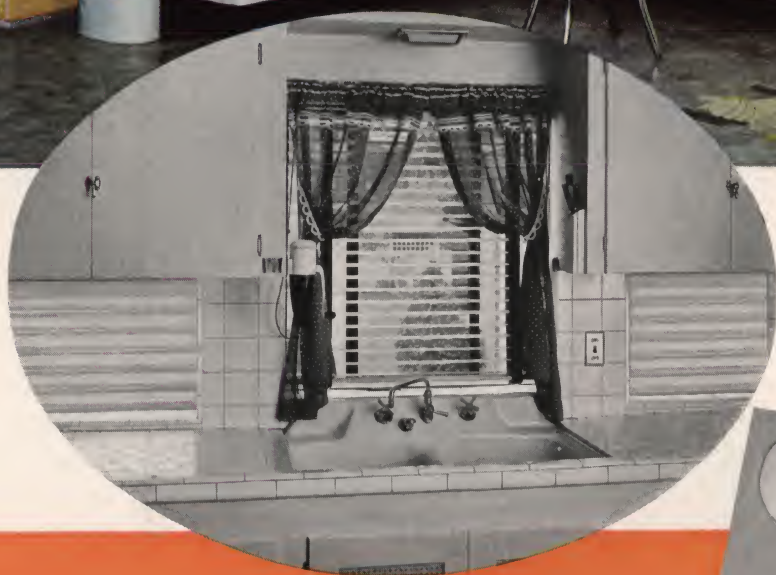
KITCHENS

WITH SPARKLING,

Because the modern housewife spends so much of her time in the kitchen, she appreciates the laborsaving, delightfully attractive and sensible touches that add to comfort and convenience. First of all, the kitchen should be light and airy—devoid of a stuffy, hot appearance. Adequate window areas are essential. Next, modern conveniences should save steps, time and work. Third, adequate illumination should be available. On these pages we have indicated a few of the many practical, economical ideas that will help the homemaker in her daily tasks.



EASILY CLEANED SURFACES



Above—Satin finish Flutex provides an extremely practical touch to this modern kitchen. It permits light to reach the work surface, yet assures privacy to the housewife.

Right—Here's a new note for home-planners—a snack or breakfast bar to save time and energy. It is easy to keep clean and practical beyond words. Note the convenient utensil drawer and spacious toaster compartment.



Above—Vitrolite is the ideal kitchen wall surface. Impervious to kitchen greases and stains, it is not affected by steam or moisture; is easily cleaned with a damp cloth, and gives that cheery touch you've wanted in your workshop.

GLASS

CREATES A WARM WELCOME

These four entranceways flood the interior with light . . . add to interior cheerfulness and comfort.



Charles A. Metzger, Architect

Next to pleasing exterior design, no other feature is as inviting or so restful in appearance as the liberal use of good glass. Extra window areas contribute to cheery family life . . . stimulate the interest of every member in the home.

Equally important to this end, glass-adorned doorways not only spell "welcome" for the visitor, but provide extra light and brightness for the interior. Functionally, they permit inspection of the caller, while still maintaining privacy within the home. While it is impossible to show the limitless ways in which glass may be so used, a few interesting and practical entrances are shown on this page. All are reasonable in cost.



FEATURES

FOR GREATER COMFORT AND LIVABILITY

Below—This unique use of glass brings light into what otherwise would be a dark hall. Yet it is as inexpensive as it is attractive.



Above—An ideal setting for bric-a-brac and what-nots is this glass-shelved corner cupboard. Such cheerful touches add charm and hospitality to your home.



Left—Flower ledges are a delight to many housewives and make the daily tasks much easier. Even little daughter finds a job to do in tending to mother's flowers.

Right—Where space is at a premium, this disappearing dressing table and mirror is always handy yet unobtrusive. It saves steps; provides a needed utility in the bedroom.



DELIGHTFUL

GAME AND PLAY ROOMS



Above—Recreation rooms offer relaxation and freedom from the working day that may be made more complete with the adroit use of glass. This mirror made of L·O·F Polished Plate Glass reflects the cheeriness of this play-room. Glass shelves provide a pleasing setting.

Left—Here's a novel idea—a miniature beverage bar, quickly converted to a powder station for guests. Radiating good cheer and hospitality, it is easily cleaned and entirely practical.



BEAUTY

IS EASILY KEPT CLEAN WITH GLASS



Left—A novel idea—a translucent glass screen divides a room yet passes light. It may be used in combination dining-and-living rooms, bathrooms and to provide light for dark stairways.

Right—Occasional tables are often "just tables" until the enterprising home-maker discovers how attractive and easily cleaned a mirror top can be.



Below—Why should corners be dark, dreary? Corner Windows banish shadows—brighten up these spots with cheer.



Below—Tiny china or metal figures and other "home brighteners" find a practical, ornamental setting on these glass shelves.



Above—Gleaming table tops of plate glass are sensible, practical items. They protect fine surfaces, are easily cleaned and resist damage.



Left—In thousands of homes the decorative yet highly utilitarian corner cupboard is a much appreciated unit. Glass doors and sometimes glass shelves add to their pleasing appearance.

HEALTHFUL COMFORT AND ECONOMY WITH



WINDOW CONDITIONING—the use of double sash or storm windows and doors—can reduce annual fuel bills by as much as 30%. Authoritative surveys, based on actual fuel consumption, show that these savings are possible with Window Conditioning alone, while wall and roof insulation supplement Window Conditioning with still further savings.

Today, Window Conditioning is of special importance because fuel savings mean more to *both* the homeowner and the government than ever before. The U. S. Department of Interior's Bureau of Mines Circular No. 7166 points out that uninsulated homes waste vast

quantities of coal, oil and gas used for heating—materials which are necessary to our great national defense program. If our 37,000,000 American homes were insulated with Window Conditioning, together with wall and attic insulation, government experts believe that the nation's fuel bill could be reduced by as much as \$1,000,000,000. This means that not only would the defense program gain large amounts of fuel which were formerly wasted, but the men who produce that fuel and the transportation necessary to carry it would be released for vital defense needs. More important still, the fuel savings which

insulation creates would enable millions of American families to better cope with rising living costs. In addition, they would gain the added comfort and improved health which Window Conditioning and other forms of insulation can bring to every American home.

Window Conditioning is made possible by a wide variety of double windows, and it is possible to match practically every style of window without sacrificing visibility. Types range from the ordinary low-cost, single pane, hook-on storm sash to more elaborate storm windows with removable glass sections for easy cleaning from the inside.

WINDOW CONDITIONING



A child can easily remove modern metal-cased Window Conditioning units for cleaning. Potential fuel savings of complete insulation (walls, roof, and storm windows) are estimated at \$1,000,000,000 per year.



Low-cost hung-on storm windows are effective. The table on the next page reveals the savings you can expect with correctly designed and installed Window Conditioning.



Metal-cased storm windows are easily removed and replaced with screened sections. Window Conditioning reduces colds and provides more comfort for all the family.



Left—Storm window "muntins" match the original windows and do not interfere with vision. Window Conditioning is one of the biggest single items in the reduction of the nation's fuel bill.

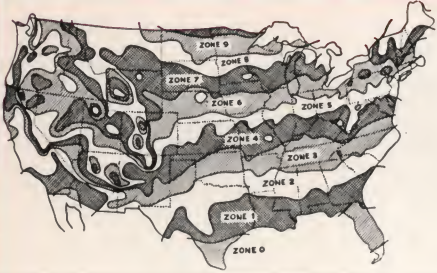




Below—With sufficient ventilation available, storm windows insulate against both winter's cold and summer's heat. Window Conditioning reduces fuel cost and improves health . . . may be bought on a budget plan.



SAVE 30%

OF YOUR FUEL BILL WITH WINDOW CONDITIONING

This table shows fuel savings and comparative heating costs of four types of homes with and without Window Conditioning and insulation

									
Attic area ventilated above insulation..		1488.5 sq. ft.		770 sq. ft.		1143 sq. ft.		995 sq. ft.	
Sidewalls net.....		2447.7 sq. ft.		1634 sq. ft.		1332 sq. ft.		1197.5 sq. ft.	
Window area.....		540.3 sq. ft.		326 sq. ft.		363 sq. ft.		285 sq. ft.	
Crack length.....		590.4 lin. ft.		389 lin. ft.		422 lin. ft.		365 lin. ft.	
Unheated floor.....		None		None		None		None	
ZONE 9	Heating cost—no insulation—oil 7 cents per gallon.....	\$315.50		\$190.60		\$211.00		\$173.80	
	Heating cost if attic is insulated.....	254.50		159.50		164.70		133.90	
	Heating cost with window conditioning	241.25		144.55		159.50		131.90	
	Savings due to insulation 3½" minimum wool in attic floor only.....	61.00	19.3%	31.10	16.3%	46.30	21.9%	39.90	23.0%
	Savings due to window conditioning only	74.25	23.5%	46.05	24.2%	51.50	24.4%	41.90	24.1%
	Savings with both.....TOTAL	\$135.25	42.8%	\$ 77.15	40.5%	\$ 97.80	46.3%	\$ 81.80	47.1%
ZONE 7	Heating cost—no insulation—oil 7 cents per gallon.....	\$245.00		\$149.30		\$161.00		\$136.00	
	Heating cost if attic is insulated.....	198.00		124.90		125.00		104.40	
	Heating cost with window conditioning.	186.25		112.80		123.00		103.80	
	Savings due to insulation 3½" minimum wool in attic floor only.....	47.00	19.2%	24.40	16.3%	36.00	22.4%	31.60	23.3%
	Savings due to window conditioning only	58.75	24.0%	36.50	24.4%	38.00	23.6%	32.20	23.7%
	Savings with both.....TOTAL	\$105.75	43.2%	\$ 60.90	40.7%	\$ 74.00	46.0%	\$ 63.80	47.0%
ZONE 5	Heating cost—no insulation—oil 7 cents per gallon.....	\$176.00		\$106.35		\$116.30		\$ 96.30	
	Heating cost if attic is insulated.....	142.50		88.95		91.20		74.00	
	Heating cost with window conditioning.	134.25		80.80		88.40		73.65	
	Savings due to insulation 3½" minimum wool in attic floor only.....	33.50	19.0%	17.40	16.4%	25.60	21.9%	22.30	23.2%
	Savings due to window conditioning only	41.75	23.7%	25.55	24.0%	28.40	24.3%	22.65	23.5%
	Savings with both.....TOTAL	\$ 75.25	42.7%	\$ 42.95	40.4%	\$ 54.00	46.2%	\$ 44.95	46.7%

Insulation Calculations Checked By Alfred J. Oltner, Consulting Engineer.

CHECK YOUR ZONE FOR COMPARABLE SAVINGS

good glass is economical

Contrary to some impressions, good glass is not expensive, even to the family of ordinary means. As with Window Conditioning, (storm windows and doors), often the many benefits created will pay for the installation . . . and the use of good glass calls for the kind of product that will contribute the most in investment value, comfort, happiness and livability that your money can buy.

We hope that the suggestions made in this book will be helpful to you in selecting the Libbey·Owens·Ford Glass items that will contribute happiness, enjoyment and complete satisfaction with the place in which you live.

LIBBEY·OWENS·FORD GLASS COMPANY

Nicholas Building, Toledo, Ohio

Distributors in all Principal Cities



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